

Got a DOI? Claim and Give Some CRediT!



Richard Wynne

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The Basics

DOIs are Digital Object Identifiers. They are used to uniquely and persistently identify research outputs such as scholarly research papers.

CRediT¹ is a standardized taxonomy used to recognize research contributions made by individual authors of research papers, such as: writing, supervision and data visualization.

Research funders (who invest \$1.9 trillion a year in funding²) use research papers to evaluate investment outcomes. Understandably they want to reliably know exactly who contributed what to each specific research output. This allows them to evaluate research impact and better target their future funding decisions.

So, What's New?

Rescognito makes it possible for anyone (with an ORCID³ ID) to associate CRediT recognition with a published manuscript using its Crossref DOI.

For example, let's take the following Crossref DOI: 10.1101/19002857 - it uniquely identifies a preprint on medRxiv. Clicking the DOI link automatically redirects you to the published work: <https://doi.org/10.1101/19002857>

Now, take the same DOI and add it to the Rescognito base URL: <https://rescognito.com/10.1101/19002857> - Go on, click on the link and give it a try!

Rescognito automatically displays a page listing all the contributors (*provided they have an ORCID ID associated with the manuscript*):





About Terms FAQ Contact English ▾

Name ▾ 

Multidimensional factors predicting exclusive breastfeeding in Ethiopia: evidence from a meta-analysis of studies in the past 10 years
[10.1101/19002857](#)

Contributors	Reasons (5 COGs per selection)	Reason Selections
Tesfa Dejenie Habtewold 0000-0003-4476-518X	Nothing selected ▾	Select a reason
Aklilu Endalamaw 0000-0002-9121-6549	Nothing selected ▾	Select a reason
Shimels Hussien Mohammed 0000-0001-8231-4158	Nothing selected ▾	Select a reason
Henok Mulugeta 0000-0001-7330-3609	Nothing selected ▾	Select a reason
Getenet Dessie 0000-0001-7276-0891	Nothing selected ▾	Select a reason
Yihun Mulugeta Alemu 0000-0003-3145-3494	Nothing selected ▾	Select a reason

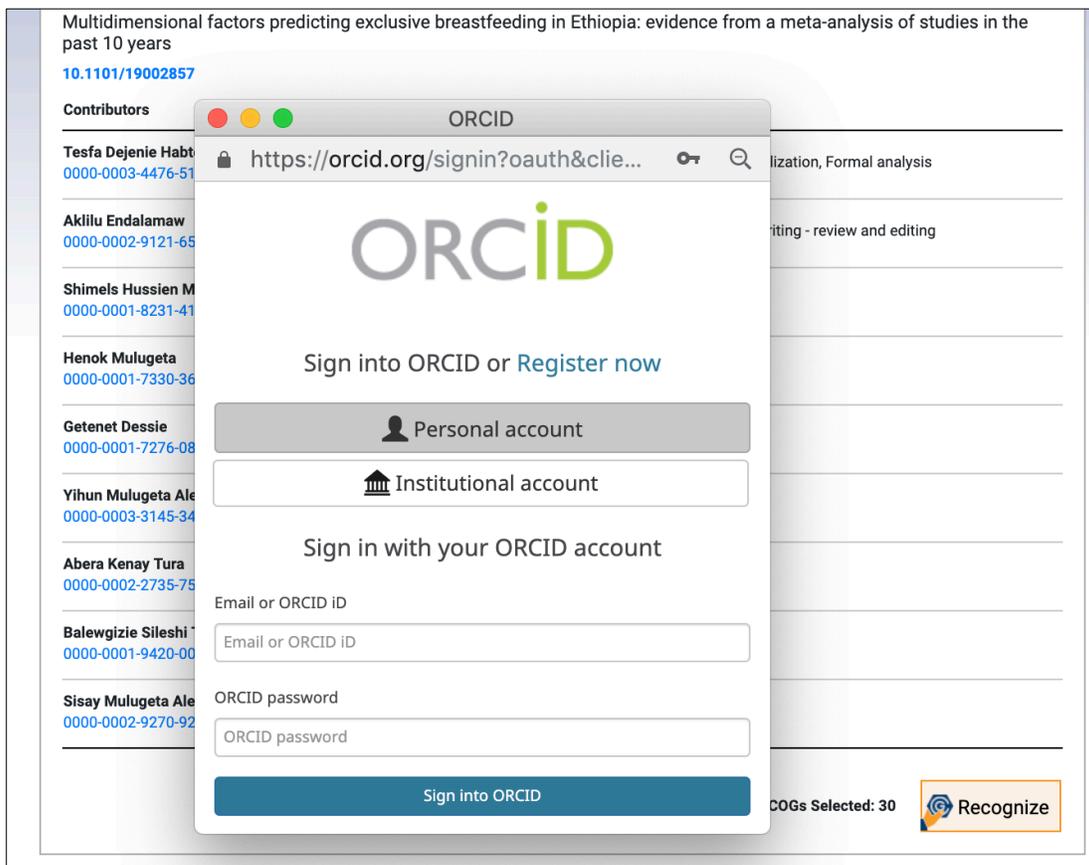
From this Rescognito page a user can select and assign one or more CRediT terms for each author (including self-claiming if they are listed):

Multidimensional factors predicting exclusive breastfeeding in Ethiopia: evidence from a meta-analysis of studies in the past 10 years
[10.1101/19002857](#)

Contributors	Reasons (5 COGs per selection)	Reason Selections
Tesfa Dejenie Habtewold 0000-0003-4476-518X	Writing - original draft ▾	Writing - original draft
Aklilu Endalamaw 0000-0002-9121-6549	3 items selected ▾	Project administration, Supervision, Validation
Shimels Hussien Mohammed 0000-0001-8231-4158	3 items selected ▾	Data curation, Data visualization, Formal analysis
Henok Mulugeta 0000-0001-7330-3609	Writing - original draft ▾	Writing - original draft
Getenet Dessie 0000-0001-7276-0891	Writing - review and editing ▲	Writing - review and editing
Yihun Mulugeta Alemu 0000-0003-3145-3494	Nothing selected ▾	Select a reason
Abera Kenay Tura 0000-0002-2735-7523	Nothing selected ▾	Select a reason
Balewgizie Sileshi Tegegne 0000-0001-9420-0043	Nothing selected ▾	Select a reason
Sisay Mulugeta Alemu 0000-0002-9270-9281	Nothing selected ▾	Select a reason

Total Award COGs Available: 20965 Total COGs Selected: 45 

When a user is ready to record the recognition, they click the “Recognize” button and are prompted to enter their ORCID iD so that the recognition can be verifiably attributed to them. No Rescognito registration or membership is required.



Once ORCID iD verification is complete, the recognition is automatically posted to the “Open Ledgers” of each of the recognized authors.

The Rescognito Open Ledger displays the recognition in an aggregated and granular manner. In this hypothetical example, Richard Wynne has verifiably recognized one of the contributors for writing the original draft.

Open Ledger for:		25		25		200			
Tesfa Dejenie Habtewold https://orcid.org/0000-0003-4476-518X		 Recognize		Total COGs Received		2019 COGs Received		Award COGs	
<input type="button" value="All"/> <input type="button" value="Print"/>		Show <input type="text" value="10"/> entries							
Date	COGs	Type	Depositor/Source	Reason/Contribution					
8/20/2019	5	Peer	Richard Wynne 0000-0002-9217-0407	Writing - original draft Link: Multidimensional factors predicting exclusive breastfeeding in Ethiopia: evidence from a meta-analysis of studies in the past 10 years					
7/25/2019	-	Work/Publication	Crossref Metadata Search	Link: Patient satisfaction with nursing care in Ethiopia: a...					

Rescognito Transparency and Accountability Enables Filtering, Visualization, Interpretation

Outdated measures of research impact are based on opaque metrics and processes. Historically, this makes it virtually impossible to reliably trace assertions and understand individual contributions.

In contrast, all the assertions in Rescognito are *verifiably* attributed, this means that users (including AI and visualization tools) can filter-out non-credible recognition/attribution.

Similarly, institutional users (such as journals, scholarly societies and academic departments) can apply their own recognition rules so as to only permit CRediT assignment by the corresponding author or other authorized party. When an institution “curates” recognition in this manner, their branding can appear on the Open Ledger as way to signal enhanced quality.

What’s Next?

In September 2019 Rescognito will be releasing a visualization tool to help users interpret and analyze the data from the Open Ledger.

¹ <https://casrai.org/credit/>

² <https://www.nsf.gov/statistics/2018/nsb20181/report/sections/research-and-development-u-s-trends-and-international-comparisons/cross-national-comparisons-of-r-d-performance>

³ <https://www.orcid.org>